

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 16/2021
ISSUE NO. 16/2021

शुक्रवार
FRIDAY

दिनांक: 16/04/2021
DATE: 16/04/2021

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No. **202141014146 A**

(19) INDIA

(22) Date of filing of Application : **30/03/2021**

(43) Publication Date : **16/04/2021**

(54) Title of the invention : **SMART RENEWABLE ENERGY BASED SHOES TO SUPPORT HEALTHY LIFE**

<p>(51) International classification :A61B0005000000, A61B0005020500, A61B0005021000, A61B0005010000, G16H0040630000</p> <p>(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Dr.B.T.GEETHA Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SIMATS,CHENNAI, TAMILNADU Tamil Nadu India 2)Dr.ANJALIAH ADEPU 3)Dr SHAIK FAIROOZ 4)Dr. GONDI KONDA REDDY 5)Dr.G.GUGAPRIYA 6)Dr.M.RAMKUMAR PRABHU 7)Dr.A.RAJALINGAM 8)Dr. ERIKI ANANDA KUMAR 9)Dr. G. RAMKUMAR 10)Mr. PRASATH ALIAS SURENDHAR S 11)Dr.V.MOHANAVEL</p> <p>(72)Name of Inventor : 1)Dr.B.T.GEETHA 2)Dr.ANJALIAH ADEPU 3)Dr SHAIK FAIROOZ 4)Dr. GONDI KONDA REDDY 5)Dr.G.GUGAPRIYA 6)Dr.M.RAMKUMAR PRABHU 7)Dr.A.RAJALINGAM 8)Dr. ERIKI ANANDA KUMAR 9)Dr. G. RAMKUMAR 10)Mr. PRASATH ALIAS SURENDHAR S 11)Dr.V.MOHANAVEL</p>
---	---

(57) Abstract :

Smart renewable energy-based shoes to support healthy life aims at implementing and designing a shoe that can monitor the various health parameters along with soothing effect to the feet by pressing at specific points to activate the nerves. The proposed invention tries to provide smart footwear capable of measuring peoples level of activity, frequent weight measurement, blood pressure, heartbeat, and sense of isolation in living daily lives.

No. of Pages : 15 No. of Claims : 5

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

Skip to Main Content Screen Reader Access (<screen-reader-access.htm>)



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/inc>)

Patent Search

Invention Title	SMART RENEWABLE ENERGY BASED SHOES TO SUPPORT HEALTHY LIFE
Publication Number	16/2021
Publication Date	16/04/2021
Publication Type	INA
Application Number	202141014146
Application Filing Date	30/03/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005000000, A61B0005020500, A61B0005021000, A61B0005010000, G16H0040630000

Inventor

Name	Address	Country	Nat
Dr.B.T.GEETHA	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SIMATS,CHENNAI, TAMILNADU	India	Indi
Dr.ANJAIAH ADEPU	ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, ST.PETERS ENGINEERING COLLEGE (A), MAISAMMAGUDA,KOMPALLY,HYDERABAD TELANGANA STATE,PIN 500100	India	Indi
Dr SHAIK FAIROOZ	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, MALLA REDDY ENGINEERING COLLEGE , CAMPUS 1, DULAPALLY, MAISAMMAGUDA POST , KOMPALLY , SECUNDERABAD , TELANGANA.	India	Indi
Dr. GONDI KONDA REDDY	ASSOCIATE PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, YAMNAMPET, GHATKESAR, HYDERABAD - 501301.	India	Indi
Dr.G.GUGAPRIYA	SCHOOL OF ELECTRONICS ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY, VANDALUR KELAMBAKKAM ROAD, CHENNAI 600127, TAMILNADU, INDIA.	India	Indi
Dr.M.RAMKUMAR PRABHU	55/1, F3 ,C&D BLOCK, SUBAKEERTHANA APTS, PERUMAL KOVIL 1ST CROSS AT, URAPAKAM WEST, CHENNAI -603211	India	Indi
Dr.A.RAJALINGAM	105 - H BLOCK ,4/12, MARVEL APOORVA APARTMENTS, KALASATHAMMAN KOIL ST, RAMAPURAM, CHENNAI 600089	India	Indi
Dr. ERIKI ANANDA KUMAR	NO.54, SAINAGAR, SRINIVASAPURAM, TIRUPATI-517501 ANDHRA PRADESH, INDIA	India	Indi
Dr. G. RAMKUMAR	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA NAGAR, THANDALAM, CHENNAI - 602105,TAMILNADU, INDIA	India	Indi
Mr. PRASATH ALIAS SURENDHAR S	ASSISTANT PROFESSOR, DEPARTMENT OF BIOMEDICAL ENGINEERING, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI - 600073, TAMILNADU, INDIA	India	Indi
Dr.V.MOHANAVEL	CENTRE FOR MATERIALS ENGINEERING AND REGENERATIVE MEDICINE, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI - 600073, TAMILNADU, INDIA	India	Indi

Applicant

Name	Address	Country	Nat
Dr.B.T.GEETHA	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SIMATS,CHENNAI, TAMILNADU	India	Indi
Dr.ANJIAIAH ADEPU	ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, ST.PETERS ENGINEERING COLLEGE (A), MAISAMMAGUDA,KOMPALLY,HYDERABAD TELANGANA STATE,PIN 500100	India	Indi
Dr SHAIK FAIROOZ	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, MALLA REDDY ENGINEERING COLLEGE , CAMPUS 1, DULAPALLY, MAISAMMAGUDA POST , KOMPALLY , SECUNDERABAD , TELANGANA.	India	Indi
Dr. GONDI KONDA REDDY	ASSOCIATE PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, YAMNAMPET, GHATKESAR, HYDERABAD - 501301.	India	Indi
Dr.G.GUGAPRIYA	SCHOOL OF ELECTRONICS ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY, VANDALUR KELAMBAKKAM ROAD, CHENNAI 600127, TAMILNADU, INDIA.	India	Indi
Dr.M.RAMKUMAR PRABHU	55/1, F3 ,C&D BLOCK, SUBAKEERTHANA APTS, PERUMAL KOVIL 1ST CROSS AT, URAPAKAM WEST, CHENNAI -603211	India	Indi
Dr.A.RAJALINGAM	105 - H BLOCK ,4/12, MARVEL APOORVA APARTMENTS, KALASATHAMMAN KOIL ST, RAMAPURAM, CHENNAI 600089	India	Indi
Dr. ERIKI ANANDA KUMAR	NO.54, SAINAGAR, SRINIVASAPURAM, TIRUPATI-517501 ANDHRA PRADESH, INDIA	India	Indi
Dr. G. RAMKUMAR	ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA NAGAR, THANDALAM, CHENNAI - 602105,TAMILNADU, INDIA	India	Indi
Mr. PRASATH ALIAS SURENDHAR S	ASSISTANT PROFESSOR, DEPARTMENT OF BIOMEDICAL ENGINEERING, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI - 600073, TAMILNADU, INDIA	India	Indi
Dr.V.MOHANA VEL	CENTRE FOR MATERIALS ENGINEERING AND REGENERATIVE MEDICINE, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI - 600073, TAMILNADU, INDIA	India	Indi

Abstract:

Smart renewable energy-based shoes to support healthy life aims at implementing and designing a shoe that can monitor the various health parameters along with sooth effect to the feet by pressing at specific points to activate the nerves. The proposed invention tries to provide smart footwear capable of measuring peoples level of activity frequent weight measurement, blood pressure, heartbeat, and sense of isolation in living daily lives.

Complete Specification

Claims:Smart renewable energy-based shoes to support healthy life comprises of
a solar panel;
a power storage;
a IOT module;
a GPS module;
a CPU Core;
an artificial intelligence program;
a data storage;
a weight sensor;
a pulse oximeter;
a pulse sensor;
a power LED;
a malfunction LED;
a low battery notification;
and charging LED

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>)
Copyright (<http://ipindia.gov.in/copyright.htm>) Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>)
Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>) Contact Us (<http://ipindia.gov.in/contact-us.htm>)
Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019